Environmental Management System

Fort Wainwright, Alaska
Environmental Officer Course
2011

Outline

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VI. Environmental Policy
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Regulations and Polices

- Executive Orders
  - 13423 Strengthening Federal Environmental, Energy, and Transportation Management, 26 Jan 07
  - 13514 Federal Leadership in Environmental, Energy and Economic Performance, 5 Oct 09
- DODI 4715.17, 15 Apr 09
- DA Asst. Chief of Staff for Installation Management Memo, 10 Jul 09
- DA Asst. Chief of Staff for Installation Management Memo, 12 Oct 10
- AR 200-1, 13 Dec 2007
- USAG FWA Environmental Policy, 10 Apr 09

Executive Order 13423

The order sets goals in the areas of energy efficiency, acquisition, renewable energy, toxics reductions, recycling, renewable energy, sustainable buildings, electronics stewardship, fleets, and water conservation. In addition the order requires more widespread use of Environmental Management Systems as the framework in which to manage and continually improve these sustainable practices.

Signed by President Bush on 26 JAN 2007

Executive Order 13423 - EMS

- Sec 3(b) “implement within the agency environmental management systems (EMS) at all appropriate organizational levels to ensure (i) use of EMS as the primary management approach for addressing environmental aspects of internal agency operations and activities, including environmental aspects of energy and transportation functions, (ii) establishment of agency objectives and targets to ensure implementation of this order, and (iii) collection, analysis, and reporting of information to measure performance in the implementation of this order;”

Executive Order 13514

- Establish an integrated agency strategy for sustainability, including reducing GHG emissions, within the Federal government in order to lead by example and achieve a clean energy economy.
- Section 2 (j)(i) – “continuing implementation of formal environmental management systems at all appropriate organizational levels; and (ii) ensuring these formal systems are … implemented and maintained…to meet the goals of this order”.

Bottom Line

- Federal Agencies are required to establish EMS at appropriate facilities as required by Executive Order.
- Department of Defense Instruction 4715.17 for EMS outlines policy, assigns responsibilities, and prescribes procedures for achieving conformance with EMS pursuant to EO 13423.
- DA ACSIM Memos designate implementation and assessment practices for EMS.
- USAG FWA environmental policy drafted for installation activities and practices.

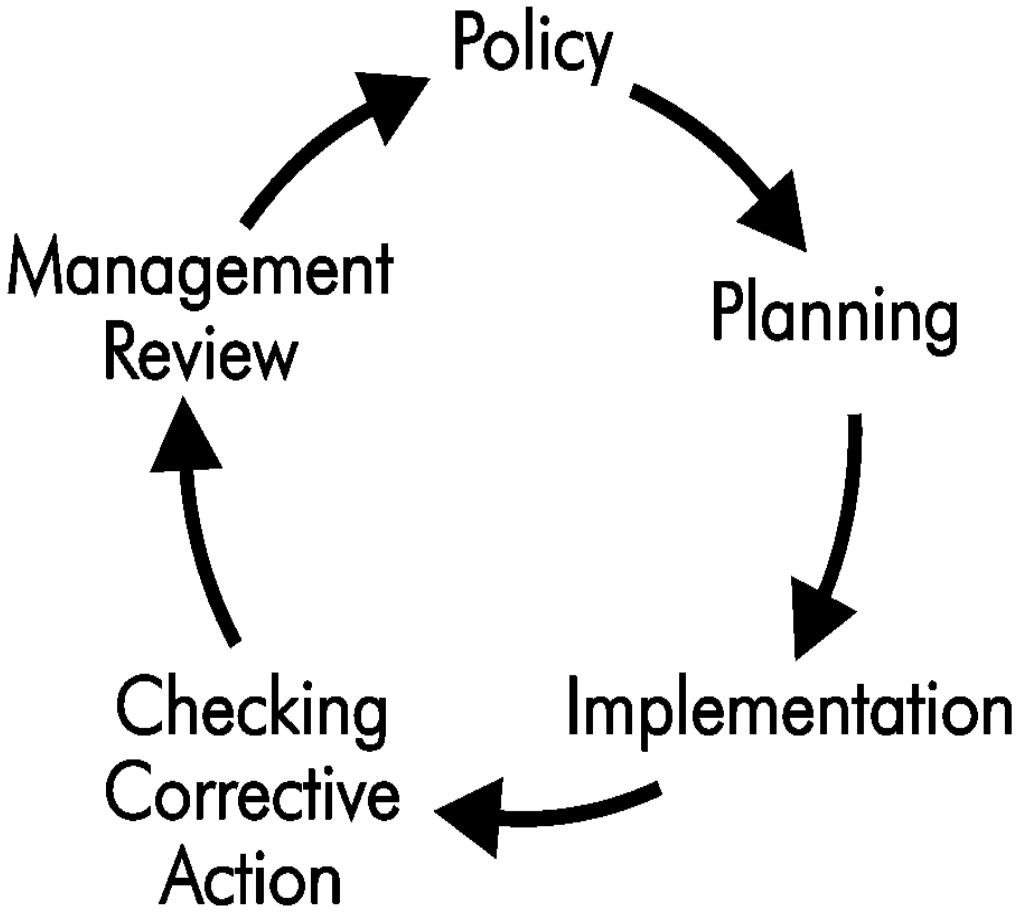
What is EMS?

- Army decided upon ISO Standard 14001 to implement their EMS
- The ISO 14001 standard for environmental management directs an organization to take into consideration legal requirements, environmental objectives of the organization, and the impact an organization has on the environment into account when establishing an environmental management approach.
  - Mechanism to enhance compliance
  - Establish and meet sustainability goals that go beyond compliance to sustaining the Army, it's land, it's resources and it's people.

Environmental Policy

- Commitment to:
  - Maintain compliance with applicable requirements.
  - Prevent pollution by identifying, implement and promoting pollution prevention strategies.
  - Continual improvement through setting and reviewing environmental goals, objectives and targets.
- Scope:
  - USAG FWA property
  - Garrison organizations, contractors, and tenant units.
- http://www.wainwright.army.mil/publications/policyLetters.asp

Plan, Do, Check, Act (PDCA)



Plan, Do, Check, Act (PDCA)

- **P**lan:
  - Determine environmental aspects and impacts, and their applicable legal requirements,
  - Develop objectives and targets to meet goals
- **D**o
  - Roles and responsibilities
  - Training
  - Communication
  - Documentation/Record Keeping
  - Document control (ensure obsolete regulations are not in circulation
  - Operational Control (Plans, policies, SOPs, equipment service records, equipment, etc.)

Plan, Do, Check, Act (PDCA)

- **C**heck and **A**ct:
  - Establish procedure to monitor and measure significant impacts
  - Conduct Audits/Assessments and Management Reviews
  - Establish corrective actions
  - Propose preventative actions
  - Measure progress towards targets and objectives.

EO Responsibilities

- Planning
  - Annual review of applicable aspects, impacts, objectives, targets for unit/organization's activities.
  - Propose changes or updates.
- Do
  - Provide environmental awareness training to organization.
  - Maintain updated environmental documents, records, and SOPs.
  - Attend Environmental Quality Control Committee meetings and EO meetings.
- Check
  - Conduct annual assessment/audit of organizations activities.
  - Identify and record management deficiencies.
  - Identify corrective and/or preventative measures.
- Act
  - Implement corrective and preventative measures

END

INSTALLATION MANAGEMENT COMMAND

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